

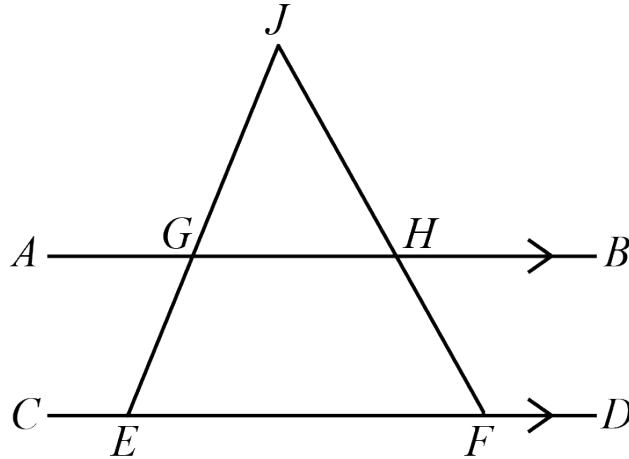


## Problem of the Week

### Problem C

#### Angled

Line segments  $AB$  and  $CD$  are parallel, with  $AB$  above  $CD$ . Point  $J$  lies above  $AB$ , and points  $E$  and  $F$  lie on  $CD$ , with  $E$  to the left of  $F$ , so that  $JE$  intersects  $AB$  at  $G$  and  $JF$  intersects  $AB$  at  $H$ .



If  $\angle CEG = 110^\circ$  and  $\angle GHF = 122^\circ$ , determine the measure of  $\angle GJH$ .